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Datasheet for ABIN747983 anti-IL17C antibody (AA 101-197)

5 Images

3 Publications



Overview

Quantity:	100 µL
Target:	IL17C
Binding Specificity:	AA 101-197
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL17C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IL-17C
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Horse,Rabbit
Purification:	Purified by Protein A.
Target Details	
Target:	IL17C

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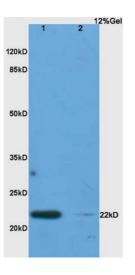
Alternative Name:	IL-17C (IL17C Products)
Background:	Synonyms: CX2, IL-17C, Interleukin-17C, Cytokine CX2, IL17C, UNQ561/PR01122
	Background: Cytokine that plays a crucial role in innate immunity of the epithelium, including to
	intestinal bacterial pathogens, in an autocrine manner. Stimulates the production of
	antibacterial peptides and proinflammatory molecules for host defense by signaling through
	the NF-kappa-B and MAPK pathways. Acts synergically with IL22 in inducing the expression of
	antibacterial peptides, including S100A8, S100A9, REG3A and REG3G. Synergy is also observed
	with TNF and IL1B in inducing DEFB2 from keratinocytes. Depending on the type of insult, may
	have both protective and pathogenic properties, either by maintaining epithelial homeostasis
	after an inflammatory challenge or by promoting inflammatory phenotype. Enhanced
	IL17C/IL17RE signaling may also lead to greater susceptibility to autoimmune diseases.
Gene ID:	27189
UniProt:	Q9P0M4
Pathways:	Cellular Response to Molecule of Bacterial Origin
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.

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Handling	
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months
Publications	
Product cited in:	Huang, Meng, Hong, Lin, Jin, Dong: "IL-17C is required for lethal inflammation during systemic
	fungal infection." in: Cellular & molecular immunology, Vol. 13, Issue 4, pp. 474-83, (2017) (
	PubMed).
	Huang, Yuan, Zhu, Yin, Hong, Dong, Jin, Dong: "IL-17C/IL-17RE Augments T Cell Function in
	Autoimmune Hepatitis." in: Journal of immunology (Baltimore, Md. : 1950), Vol. 198, Issue 2,

pp. 669-680, (2016) (PubMed).

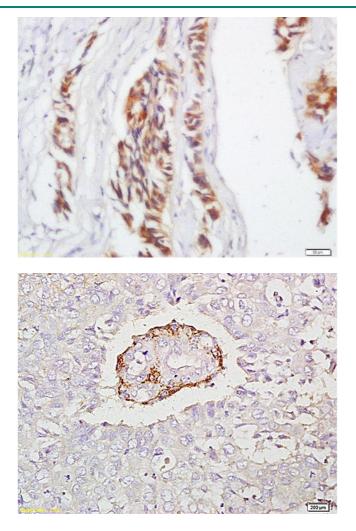
Images



SDS-PAGE

Image 1. Lane 1: rat lung lysates Lane 2: rat pancreas lysates probed with Anti IL-17C Polyclonal Antibody, Unconjugated (ABIN747983) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 22kD. Observed band size: 22kD

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Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded human colon carcinoma labeled with Anti-IL-17C Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining.

Immunohistochemistry

Image 3. Formalin-fixed and paraffin embedded human laryngeal carcinoma labeled with Anti-IL-17C Polyclonal Antibody, Unconjugated (ABIN747983) at 1:200 followed by conjugation to the secondary antibody and DAB staining

Please check the product details page for more images. Overall 5 images are available for ABIN747983.